

Abstract of the Disclosure

A routing loop detection program that controls a computer to be operated as equipment including a counter that counts the number of packets whose IP header includes the hop number for each of all the possible hop numbers when a packet capture device connected to a network acquires all packets captured within a predetermined period, a discriminator that discriminates whether a flat portion or a sawtooth portion exists in a histogram based on the number of packets for the respective hop numbers counted by the counter, and an output portion that notifies a sign of occurrence of routing loop when the discriminator discriminated that the histogram has the flat portion or the sawtooth portion.